

1644

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/206,786

DATE: 05/09/2000
TIME: 16:01:37

Input Set : A:\8666007
Output Set: N:\CRF3\05092000\I206786.raw

P#6

3 (1) GENERAL INFORMATION:
5 (i) APPLICANT: Korngold, Robert
6 Huang, Ziwei
8 (ii) TITLE OF INVENTION: CD4-DERIVED PEPTIDES THAT INHIBIT IMMUNE
9 RESPONSES
11 (iii) NUMBER OF SEQUENCES: 63
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: PENNIE & EDMONDS LLP
15 (B) STREET: 1155 Avenue of the Americas
16 (C) CITY: New York
17 (D) STATE: New York
18 (E) COUNTRY: United States
19 (F) ZIP: 10036-2711
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
C--> 27 (vi) CURRENT APPLICATION DATA:
C--> 28 (A) APPLICATION NUMBER: US/09/206,786
C--> 29 (B) FILING DATE: 07-Dec-1998
30 (C) CLASSIFICATION:
32 (viii) ATTORNEY/AGENT INFORMATION:
33 (A) NAME: Friebe, Thomas E.
34 (B) REGISTRATION NUMBER: 29,258
35 (C) REFERENCE/DOCKET NUMBER: 8666-007
37 (ix) TELECOMMUNICATION INFORMATION:
38 (A) TELEPHONE: (212) 790-9090
39 (B) TELEFAX: (212) 869-8864/9741
40 (C) TELEX: 66141 PENNIE
43 (2) INFORMATION FOR SEQ ID NO: 1:
45 (i) SEQUENCE CHARACTERISTICS:
46 (A) LENGTH: 5 amino acids
47 (B) TYPE: amino acid
48 (C) STRANDEDNESS:
49 (D) TOPOLOGY: unknown
51 (ii) MOLECULE TYPE: peptide
56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
58 Asn Ser Asn Gln Ile
59 1 5
61 (2) INFORMATION FOR SEQ ID NO: 2:
63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 6 amino acids
65 (B) TYPE: amino acid
66 (C) STRANDEDNESS:
67 (D) TOPOLOGY: unknown
69 (ii) MOLECULE TYPE: peptide

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74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
75 Lys Asn Ser Asn Gln Ile
76 1 5
77
78 (2) INFORMATION FOR SEQ ID NO: 3:
79 (i) SEQUENCE CHARACTERISTICS:
80 (A) LENGTH: 8 amino acids
81 (B) TYPE: amino acid
82 (C) STRANDEDNESS:
83 (D) TOPOLOGY: unknown
84 (ii) MOLECULE TYPE: peptide
85 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
86 Lys Asn Ser Asn Gln Leu Ile Lys
87 1 5
88
89 (2) INFORMATION FOR SEQ ID NO: 4:
90 (i) SEQUENCE CHARACTERISTICS:
91 (A) LENGTH: 7 amino acids
92 (B) TYPE: amino acid
93 (C) STRANDEDNESS:
94 (D) TOPOLOGY: unknown
95 (ii) MOLECULE TYPE: peptide
96 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
97 Lys Asn Ser Asn Gln Ile Lys
98 1 5
99
100 (2) INFORMATION FOR SEQ ID NO: 5:
101 (i) SEQUENCE CHARACTERISTICS:
102 (A) LENGTH: 7 amino acids
103 (B) TYPE: amino acid
104 (C) STRANDEDNESS:
105 (D) TOPOLOGY: unknown
106 (ii) MOLECULE TYPE: peptide
107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
108 Lys Leu Glu Asn Lys Glu Ala
109 1 5
110
111 (2) INFORMATION FOR SEQ ID NO: 6:
112 (i) SEQUENCE CHARACTERISTICS:
113 (A) LENGTH: 8 amino acids
114 (B) TYPE: amino acid
115 (C) STRANDEDNESS:
116 (D) TOPOLOGY: unknown
117 (ii) MOLECULE TYPE: peptide
118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
119 Leu Ser Asp Ser Gly Gln Val Leu
120 1 5
121
122 (2) INFORMATION FOR SEQ ID NO: 7:
123 (i) SEQUENCE CHARACTERISTICS:
124 (A) LENGTH: 4 amino acids
125 (B) TYPE: amino acid
126 (C) STRANDEDNESS:
127 (D) TOPOLOGY: unknown

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158      (ii) MOLECULE TYPE: peptide
163      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
165      Asn Gln Leu Ile
166      1
168 (2) INFORMATION FOR SEQ ID NO: 8:
170      (i) SEQUENCE CHARACTERISTICS:
171          (A) LENGTH: 5 amino acids
172          (B) TYPE: amino acid
173          (C) STRANDEDNESS:
174          (D) TOPOLOGY: unknown
176      (ii) MOLECULE TYPE: peptide
181      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
183      Asn-Gln-Leu-Ile-Lys
184      1      5
186 (2) INFORMATION FOR SEQ ID NO: 9:
188      (i) SEQUENCE CHARACTERISTICS:
189          (A) LENGTH: 4 amino acids
190          (B) TYPE: amino acid
191          (C) STRANDEDNESS:
192          (D) TOPOLOGY: unknown
194      (ii) MOLECULE TYPE: peptide
199      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
201      Asn Gln Ile Lys
202      1
204 (2) INFORMATION FOR SEQ ID NO: 10:
206      (i) SEQUENCE CHARACTERISTICS:
207          (A) LENGTH: 4 amino acids
208          (B) TYPE: amino acid
209          (C) STRANDEDNESS:
210          (D) TOPOLOGY: unknown
212      (ii) MOLECULE TYPE: peptide
217      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
219      Ser Asn Gln Leu
220      1
222 (2) INFORMATION FOR SEQ ID NO: 11:
224      (i) SEQUENCE CHARACTERISTICS:
225          (A) LENGTH: 5 amino acids
226          (B) TYPE: amino acid
227          (C) STRANDEDNESS:
228          (D) TOPOLOGY: unknown
230      (ii) MOLECULE TYPE: peptide
235      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
237      Ser Asn Gln Leu Ile
238      1      5
240 (2) INFORMATION FOR SEQ ID NO: 12:
242      (i) SEQUENCE CHARACTERISTICS:
243          (A) LENGTH: 6 amino acids
244          (B) TYPE: amino acid
245          (C) STRANDEDNESS:

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246          (D) TOPOLOGY: unknown
248      (ii) MOLECULE TYPE: peptide
253      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
255          Ser Asn Gln Leu Ile Lys
256              1           5
258 (2) INFORMATION FOR SEQ ID NO: 13:
260      (i) SEQUENCE CHARACTERISTICS:
261          (A) LENGTH: 4 amino acids
262          (B) TYPE: amino acid
263          (C) STRANDEDNESS:
264          (D) TOPOLOGY: unknown
266      (ii) MOLECULE TYPE: peptide
-----
271      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
273          Ser Asn Gln Ile
274              1
276 (2) INFORMATION FOR SEQ ID NO: 14:
278      (i) SEQUENCE CHARACTERISTICS:
279          (A) LENGTH: 5 amino acids
280          (B) TYPE: amino acid
281          (C) STRANDEDNESS:
282          (D) TOPOLOGY: unknown
284      (ii) MOLECULE TYPE: peptide
289      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
291          Ser Asn Gln Ile Lys
292              1           5
294 (2) INFORMATION FOR SEQ ID NO: 15:
296      (i) SEQUENCE CHARACTERISTICS:
297          (A) LENGTH: 4 amino acids
298          (B) TYPE: amino acid
299          (C) STRANDEDNESS:
300          (D) TOPOLOGY: unknown
302      (ii) MOLECULE TYPE: peptide
307      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
309          Asn Ser Asn Gln
310              1
312 (2) INFORMATION FOR SEQ ID NO: 16:
314      (i) SEQUENCE CHARACTERISTICS:
315          (A) LENGTH: 5 amino acids
316          (B) TYPE: amino acid
317          (C) STRANDEDNESS:
318          (D) TOPOLOGY: unknown
320      (ii) MOLECULE TYPE: peptide
325      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
327          Asn Ser Asn Gln Leu
328              1           5
330 (2) INFORMATION FOR SEQ ID NO: 17:
332      (i) SEQUENCE CHARACTERISTICS:
333          (A) LENGTH: 6 amino acids
334          (B) TYPE: amino acid

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335         (C) STRANDEDNESS:
336         (D) TOPOLOGY: unknown
338         (ii) MOLECULE TYPE: peptide
343         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
345         Asn Ser Asn Gln Leu Ile
346         1             5
348 (2) INFORMATION FOR SEQ ID NO: 18:
350         (i) SEQUENCE CHARACTERISTICS:
351             (A) LENGTH: 7 amino acids
352             (B) TYPE: amino acid
353             (C) STRANDEDNESS:
354             (D) TOPOLOGY: unknown
356         (ii) MOLECULE TYPE: peptide
361         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
363         Asn Ser Asn Gln Leu Ile Lys
364         1             5
366 (2) INFORMATION FOR SEQ ID NO: 19:
368         (i) SEQUENCE CHARACTERISTICS:
369             (A) LENGTH: 6 amino acids
370             (B) TYPE: amino acid
371             (C) STRANDEDNESS:
372             (D) TOPOLOGY: unknown
374         (ii) MOLECULE TYPE: peptide
379         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
381         Asn Ser Asn Gln Ile Lys
382         1             5
384 (2) INFORMATION FOR SEQ ID NO: 20:
386         (i) SEQUENCE CHARACTERISTICS:
387             (A) LENGTH: 4 amino acids
388             (B) TYPE: amino acid
389             (C) STRANDEDNESS:
390             (D) TOPOLOGY: unknown
392         (ii) MOLECULE TYPE: peptide
397         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
399         Lys Asn Ser Asn
400         1
402 (2) INFORMATION FOR SEQ ID NO: 21:
404         (i) SEQUENCE CHARACTERISTICS:
405             (A) LENGTH: 5 amino acids
406             (B) TYPE: amino acid
407             (C) STRANDEDNESS:
408             (D) TOPOLOGY: unknown
410         (ii) MOLECULE TYPE: peptide
415         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
417         Lys Asn Ser Asn Gln
418         1             5
420 (2) INFORMATION FOR SEQ ID NO: 22:
422         (i) SEQUENCE CHARACTERISTICS:
423             (A) LENGTH: 6 amino acids

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VERIFICATION SUMMARY

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